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THIRTEENTH EDITION

PEDIATRICS

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PEDIATRICS



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This volume represents the Thirteenth Edition of Holt's DISEASES OF INFANCY AND CHILDHOOD, originally written in 1896 by the late L. Emmett Holt, Professor of Diseases of Children at Columbia University from 1901 to 1923. Associated with him in several revisions was John Howland, Professor of Pediatrics at Johns Hopkins University from 1912 to 1926. Since 1927 L. Emmett Holt, Jr., and Rustin McIntosh have been responsible for its revision, a responsibility now shared with Henry L. Barnett.

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PREFACE

The past decade has seen an extraordinary growth in pediatrics. The number of pediatricians has increased steadily, and the general practitioner has become increasingly aware of pediatric problems. Facilities for studying children and their diseases have expanded rapidly, and the volume of pediatric literature bears witness to the wide extension of knowledge. This has made the task of encompassing pediatric knowledge in a single volume increasingly formidable. The era during which a single individual could be regarded as an expert in every aspect of this large field has long since lapsed. To an ever greater extent the editor or editors of a textbook must rely on special students of particular disease areas.

Our collaborators, many of them new with this edition, now number 81. We have, however, endeavored to make this book something more than a collection of expert essays. We have attempted to integrate the material—to resolve conflicting points of view and to maintain a reasonable uniformity of style and of approach to each problem. This has at times required a considerable amount of revision and rewriting in order to obtain a draft satisfactory to ourselves as well as to our collaborators, a task in which they have displayed extraordinary patience and forbearance.

The changes made in the present volume are too numerous to list. Nearly every part of the book has been rewritten extensively. While the general arrangement of subject matter remains unchanged, we have made certain modifications in the order in which subjects are presented. Growth, rather than the hygiene of early infancy, marks the introduction to pediatrics. Also, several of the progressive degenerative conditions of the nervous system have been transferred to a new section on anomalies of metabolism, in keeping with the modern view that many heritable disorders are referable to disturbances in metabolic pathways. Those portions of the text not specifically attributed to a collaborator have been written by one of the editors—or, more frequently, by all three working together.

The reader familiar with previous editions will find extensive changes in the sections on

diseases of the heart, the endocrine system, renal disease, and anomalies of sex differentiation and of metabolism. New points of view are expressed in many areas. For example, it may be a surprise to some to learn that the indications for the time-honored operation of tonsillectomy have virtually disappeared, although indications for adenoidectomy still exist. The reader will also find some cautions expressed against the indiscriminate use of vitamins and antibiotic drugs.

Among the new articles included in the present edition may be mentioned those on aldosteronism, blastomycosis, cat scratch disease, cytomegalic inclusion disease, deficiency of glucose-6-phosphate dehydrogenase, ECHO virus infections, head trauma, hereditary nephritis, Klinefelter's syndrome, kwashiorkor, leucine-sensitive hypoglycemia, the placental dysfunction syndrome, pneumocystis pneumonia, a section on respiratory physiology, staphylococcal infections, and unilateral kidney disease with hypertension. In all, some 80 new subjects have found their way into the current volume. Their inclusion has necessitated condensation in many other areas, a task which we hope has been accomplished without sacrificing clarity or significant content. Throughout the volume we have attempted to consider the psychologic as well as the somatic aspects of disease.

Thanks are expressed to our many colleagues not only in pediatrics but also in related fields who have helped us in the preparation of the manuscript. Although it is quite impractical to mention each by name, we should like to record our particular gratitude to Doctors Robert A. Aldrich, Virginia Apgar, Herbert G. Birch, Alexander N. Drescher, Adam Munz, Carl T. Nelson, Gilbert F. Otto, Julian B. Schorr, and Lawrence T. Taft. We are indebted to Dr. Stuart J. Danoff for the preparation of the index. Our publishers, Appleton-Century-Crofts, Inc., have been most tolerant of the many delays involved in the production of the text.

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